

SECTION 06200
FINISH CARPENTRY

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Finish carpentry items
- B. Hollow metal door frames and glazed frames installation
- C. Hollow metal door and solid core door installation
- D. Hardware and attachment installation
- E. Wood trim and moldings installation
- F. Job built shelving and cabinets

1.2 SUBMITTALS

- A. Submit the following in accordance with the requirements of Section 01300.
 - 1. Shop drawings of job fabricated cabinetwork, indicating component profiles, fastening methods, jointing details, and accessories to a minimum scale of 1 1/2 inch equals one foot.

1.3 QUALITY ASSURANCE

- A. Construct cabinetwork in accordance with AWI Architectural Woodwork Quality Standards, Custom Grade.

1.4 PROJECT CONDITIONS

- A. Protect materials and work from moisture damage.
- B. Sequence installation to ensure utility connections are achieved in an orderly and expeditious manner.
- C. Coordinate the work with plumbing and electrical rough-in and installation of associated components.

PART 2 PRODUCTS

2.1 LUMBER MATERIALS

- A. Use softwood lumber graded PS 20 in accordance with AWI Custom species, sawn, maximum moisture content of 6 percent, with vertical grain, and of quality suitable for transparent finish.
- B. Use hardwood lumber graded Custom in accordance with AWI, red oak.

2.2 SHEET MATERIALS

- A. Use softwood plywood PS 1, grade C-C.
- B. Use hardwood plywood graded Custom in accordance with AWI, with particleboard core and red oak veneer.
- C. Use faced plywood with particleboard core and plastic laminate veneer. Exposed, single panels are to be self edged.

2.3 PLASTIC LAMINATE MATERIALS

- A. Use plastic laminate, NEMA GP50, 0.050 inch thick, for horizontal surfaces, NEMA FR32, 0.028 inch thick, for vertical surfaces, matte finish faces, manufactured by Wilsonart.
- B. Use undecorated plastic laminate backing sheet, NEMA BK20, 0.020 inch thick, manufactured by Wilsonart.
- C. Use adhesives recommended by plastic laminate manufacturer.

2.4 FABRICATION

- A. Fabricate to AWI Custom standards
- B. When necessary to cut and fit, provide materials with ample allowance for cutting. Provide trim, if required, for scribing and cutting.
- C. Apply plastic laminate finish in full uninterrupted sheets consistent with manufactured sizes. Fit corners and joints hairline; secure with concealed fasteners.
- D. Apply plastic laminate backing sheet to reverse side of plastic laminate finished surfaces.
- E. Apply self edging to exposed panel edges.

2.5 SHOP FINISHING OF WOOD FACED CABINETS

- A. Painted finish: Apply 1 coat of primer and 2 coats of semigloss acrylic latex enamel as specified in Section 09900.
- B. Natural finish: Apply sanding sealer, stain and 2 coats of satin polyurethane as specified in Section 09900.

PART 3 EXECUTION

3.1 INSPECTION

- A. Verify adequacy of backing and support framing.
- B. Set and secure materials and components in place, plumb and level.
- C. Verify mechanical, electrical and building items affecting work of this Section are in place and ready to receive this work.

3.2 INSTALLATION

- A. Set and secure materials and components in place, plumb and level.
- B. Carefully scribe work abutting other components, with maximum gaps of 1/32 inch. Do not use additional overlay trim to conceal larger gaps.

- C. Install hollow metal frames in accordance with shop drawings furnished under their Sections.
- D. Install finish hardware in accordance with submittals furnished under Section 08710.

3.3 ERECTION TOLERANCES

- A. Maximum variation from true position is 1/16 inch.
- B. Maximum offset from true alignment with abutting materials is 1/32 inch.

END OF SECTION